



# DUAL INDUCTION LL3/GR LOG

Company: JOHN M. DENMAN OIL CO., INC.  
 Well: DUNHAM - LEMMON # S-2  
 Field: PERU - SEDAN

County: CHAUTAUQUA  
 State: KANSAS  
 Location: NW/4 SE/4 NE  
 3780' FSL & 473' FEL  
 API #: 15-09-27214-0000  
 Other Services: CULSWN

Permanent Datum: SEC 36 TWP 34S RGE 11E  
 Log Measured From: CL  
 Chng Measured From: CL  
 Date: 5-9-2012  
 Run Number: ONE  
 Depth (m): 1213  
 Depth (ft): 1211'

Top Log Interval: SURFACE  
 Bottom Log Interval: WATER  
 Casing Diameter: 8.50 @ 20'  
 Casing Log/ft: WATER  
 Pipe Size in Hole: WATER

Depth / Velocity  
 pH/Fuid Loss  
 Source of Sample  
 Run @ Mass emp  
 Run @ Mass temp  
 Source of Run/Fine  
 Run @ Bit  
 Time Circulation Stopped  
 Time Log/ft of Bottom  
 Time Log/ft of Temperature  
 Equipment Number  
 Location  
 Recorded By: HOWAY OK  
 Lowered By: LOWERY  
 MARSHALL

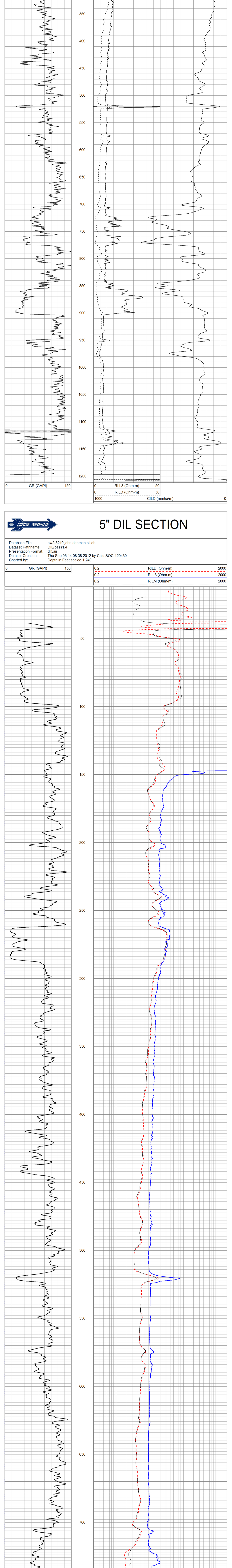
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

OW2-8210  
 CREW: JOHNSON

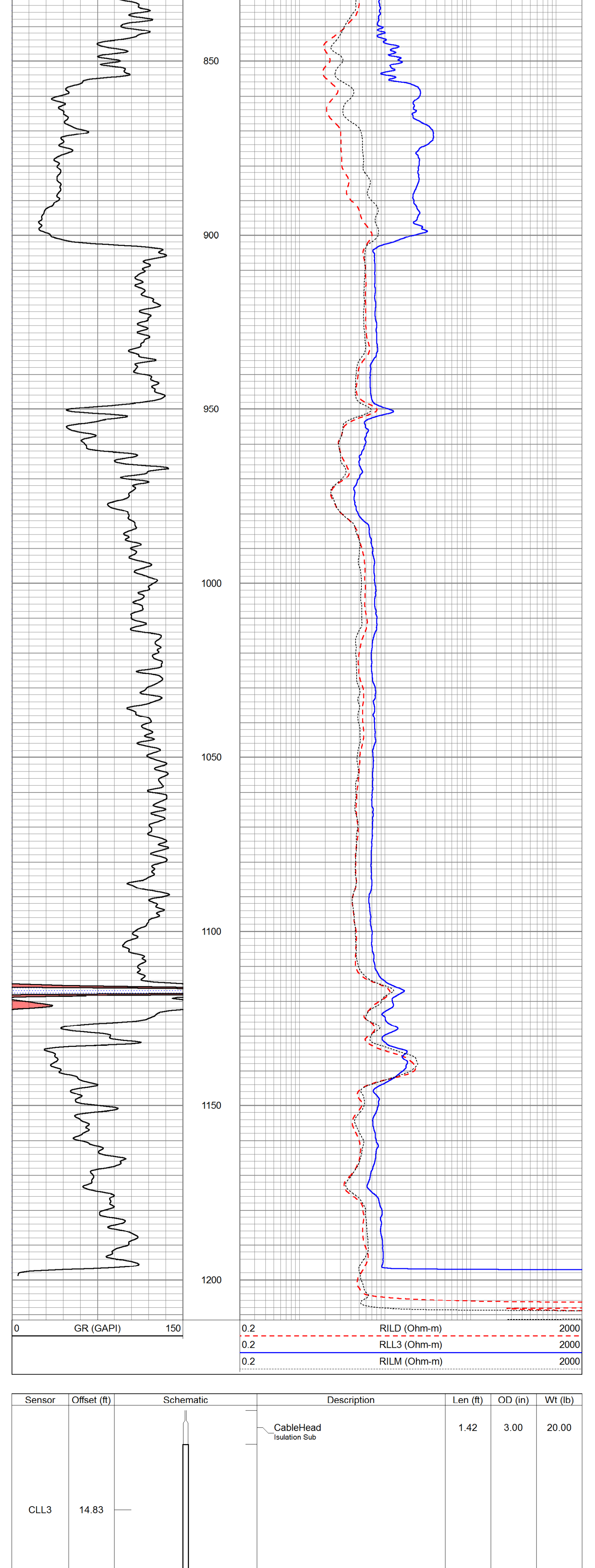
## 2" DIL SECTION

Database File: ow2-8210 john denman oil db  
 Dataset Pathname: DIL/pass1.5  
 Presentation Format: di/sai  
 Dataset Creation: Thu Sep 06 14:08:42 2012 by Calc SOC 120430  
 Charted by: Depth in Feet scaled 1:600



## 5" DIL SECTION

Database File: ow2-8210 john denman oil db  
 Dataset Pathname: DIL/pass1.4  
 Presentation Format: di/sai  
 Dataset Creation: Thu Sep 06 14:08:38 2012 by Calc SOC 120430  
 Charted by: Depth in Feet scaled 1:240



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	WT (lb)
CLL3	14.83		CableHead Isolation Sub	1.42	3.00	20.00
CILD	6.50		Induction-Landy1538 (1538) Induction Tool	17.59	4.00	300.00
CILM	3.33					
SP	0.83					

Dataset: ow2-8210 john denman oil db; field/well/DIL/pass1  
 Total Length: 19.01 ft  
 Total Weight: 320.00 lb  
 O.D.: 4.00 in